

SHOW FILES

File 6:NTIS 1964-2006/Jul W4
(c) 2006 NTIS, Intl Cpyrght All Rights Res

File 8:Ei Compendex(R) 1970-2006/Jul W4
(c) 2006 Elsevier Eng. Info. Inc.

File 25:Weldasearch 19662006/Jun
(c) 2006 TWI Ltd

File 36:MetalBase 1965-20060803
(c) 2006 The Thomson Corporation

File 63:Transport Res(TRIS) 1970-2006/Jul
(c) fmt only 2006 Dialog

File 65:Inside Conferences 1993-2006/Aug 04
(c) 2006 BLDSC all rts. reserv.

File 81:MIRA - Motor Industry Research 2001-2006/Jun
(c) 2006 MIRA Ltd.

File 94:JICST-EPlus 1985-2006/Apr W4
(c)2006 Japan Science and Tech Corp(JST)

File 95:TEME-Technology & Management 1989-2006/Jul W5
(c) 2006 FIZ TECHNIK

File 266:FEDRIP 2005/Dec
Comp & dist by NTIS, Intl Copyright All Rights Res

Set	Items	Description
S1	0	"QUALITY INDICATOR" AND (INDEX OR INDICES) AND AIR?
S2	0	"QUALITY INDICATOR" AND AIR?
S3	563	QUALITY? AND INDICAT? AND (INDEX OR INDICES) AND AIR?
S4	0	S3 AND ("AIR TRAFFIC" OR "AIR-TRAFFIC")
S5	21	S3 AND TRAFFIC?
S6	21	S5 AND (INDEX? OR INDICE?)
S7	20	RD (unique items)
S8	20	RD (unique items)
S9	0	(CONTROL? (S) ("AUTOMATIC TRANSMISSION")) AND (LEARN? OR AI OR INTELLIGEN? OR SMART?)
S10	55	(CONTROL? AND ("AUTOMATIC TRANSMISSION")) AND (LEARN? OR AI OR INTELLIGEN? OR SMART?)
S11	19	S10 AND SHIFT?
S12	1	S11 AND GPS?
?		

T S11/3/1-21

11/3/1 (Item 1 from file: 8)

DIALOG(R)File 8:Ei Compendex(R)

(c) 2006 Elsevier Eng. Info. Inc. All rts. reserv.

07195538 E.I. No: EIP04538760199

Title: System developing and experimental study on automatic transmission intelligent control of construction vehicle

Author: Zhu, Zhenyu; Xu, Chunxin; Zhi, Guoping; Hu, Yanchao

Corporate Source: Coll. of Mech. Sci. and Eng. Jilin Univ., Changchun 130025, China

Source: Jixie Gongcheng Xuebao/Chinese Journal of Mechanical Engineering v 40 n 10 October 2004. p 97-101

Publication Year: 2004

CODEN: CHHKA2 ISSN: 0577-6686

Language: Chinese

11/3/2 (Item 2 from file: 8)

DIALOG(R)File 8:Ei Compendex(R)

(c) 2006 Elsevier Eng. Info. Inc. All rts. reserv.

06271883 E.I. No: EIP03037325755

Title: Self-learning approach to automatic transmission shift control in a commercial construction vehicle during the inertia phase

Author: Hahn, J.-O.; Hur, J.-W.; Choi, G.-W.; Cho, Y.M.; Lee, K.I.

Corporate Source: Department of Mechanical Engineering Korea Airforce Academy, Cheongwon-Gun, Chungbook, South Korea

Source: Proceedings of the Institution of Mechanical Engineers, Part D: Journal of Automobile Engineering v 216 n 11 2002. p 909-919

Publication Year: 2002

CODEN: PMDEEA ISSN: 0954-4070

Language: English

11/3/3 (Item 3 from file: 8)

DIALOG(R)File 8:Ei Compendex(R)

(c) 2006 Elsevier Eng. Info. Inc. All rts. reserv.

06058819 E.I. No: EIP02226959520

Title: Study on shift schedule and auto-controlling simulation of automatic transmission

Author: Gong, Jie; Zhao, Dingxuan

Corporate Source: Coll. of Mech. Sci. and Eng. Jilin Univ., Changchun 130025, China

Source: Hsi-An Chiao Tung Ta Hsueh/Journal of Xi'an Jiaotong University v 35 n 9 September 2001. p 930-934

Publication Year: 2001

CODEN: HCTPDW ISSN: 0253-987X

Language: Chinese

11/3/4 (Item 4 from file: 8)

DIALOG(R)File 8:Ei Compendex(R)

(c) 2006 Elsevier Eng. Info. Inc. All rts. reserv.

04289010 E.I. No: EIP95112928859

Title: Adaptive shift scheduling strategy introducing neural network in automatic transmission

Author: Kondo, Kaoru; Goka, Hitoshi
Corporate Source: Mitsubishi Motors Corp, Kyoto, Jpn
Source: JSAE Review v 16 n 4 Oct 1995. p 411-414
Publication Year: 1995
CODEN: JREVDY ISSN: 0389-4304
Language: English

11/3/5 (Item 5 from file: 8)

DIALOG(R)File 8:Ei Compendex(R)
(c) 2006 Elsevier Eng. Info. Inc. All rts. reserv.

03974784 E.I. No: EIP94112405061

Title: Intelligent control of automatic transmissions using electronics

Author: Kucukay, Ferit; Renoth, Friedrich
Source: ATZ Automobiltechnische Zeitschrift v 96 n 4 Apr 1994. p 228-235
Publication Year: 1994
CODEN: AUTZA6 ISSN: 0001-2785
Language: English

11/3/6 (Item 1 from file: 94)

DIALOG(R)File 94:JICST-EPlus
(c)2006 Japan Science and Tech Corp(JST). All rts. reserv.

06147348 JICST ACCESSION NUMBER: 05A0675100 FILE SEGMENT: JICST-E

Introduction of New 5-AT

MARUSUE TOSHIHISA (1); ISHIYAMA TAKASHI (1); OYAMA HAJIME (1); HONGAWARA
NARIHITO (1); IWASHITA NORIO (1); NAKAGISHI MASARU (1); SAKAKI MINJI
(2)

(1) Matsuda Doraibutoreinkaihatsubu; (2) Mazda Motor Corp., Technol.
Center, JPN

Matsuda Giho(Mazda Technical Review), 2005, NO.23, PAGE.119-124, FIG.14,
REF.1

JOURNAL NUMBER: Y0489AAZ ISSN NO: 0288-0601

UNIVERSAL DECIMAL CLASSIFICATION: 629.33.03 621.83

LANGUAGE: Japanese COUNTRY OF PUBLICATION: Japan

DOCUMENT TYPE: Journal

ARTICLE TYPE: Commentary

MEDIA TYPE: Printed Publication

11/3/7 (Item 2 from file: 94)

DIALOG(R)File 94:JICST-EPlus
(c)2006 Japan Science and Tech Corp(JST). All rts. reserv.

05055721 JICST ACCESSION NUMBER: 02A0091526 FILE SEGMENT: JICST-E

ITS. Development of NAVI AI-SHIFT.

INAGAWA TOMOKAZU (1); TOMOMATSU HIDEO (1); TANAKA YOSHIKAZU (1); SHIIBA
KAZUYUKI (2)

(1) Toyotajidosha Dainidoraibutorengijutsubu; (2) Toyotajidosha
Daisampawatorenkaihatsubu

Toyota Tech Rev, 2001, VOL.51,NO.2, PAGE.28-33, FIG.10, REF.1

JOURNAL NUMBER: F0431ABU ISSN NO: 0916-7501 CODEN: TTERE

UNIVERSAL DECIMAL CLASSIFICATION: 629.33.05

LANGUAGE: Japanese COUNTRY OF PUBLICATION: Japan

DOCUMENT TYPE: Journal

ARTICLE TYPE: Commentary

MEDIA TYPE: Printed Publication

11/3/8 (Item 3 from file: 94)

DIALOG(R)File 94:JICST-EPlus

(c)2006 Japan Science and Tech Corp(JST). All rts. reserv.

04944304 JICST ACCESSION NUMBER: 01A0632214 FILE SEGMENT: JICST-E

Development of One-way Clutch-less 5-speed Automatic Transmission.

KATO SATOSHI (1); MIYAMOTO OSAHIDE (1); SAITO YOSHIHARU (1); TOKUDA MORIAKI (1); HOTTA TAKASHI (1); SUNADA SATORU (1)

(1) Honda R & D. Co., Ltd., Tochigi Labs.

Jidosha Gijutsukai Gakujutsu Koenkai Maezurishu(Proceedings. JSAE Annual Congress), 2001, NO.29-01, PAGE.13-18, FIG.13, TBL.2, REF.1

JOURNAL NUMBER: S0434AAR ISSN NO: 0919-1364

UNIVERSAL DECIMAL CLASSIFICATION: 629.33.03 621.83

LANGUAGE: Japanese COUNTRY OF PUBLICATION: Japan

DOCUMENT TYPE: Conference Proceeding

ARTICLE TYPE: Short Communication

MEDIA TYPE: Printed Publication

11/3/9 (Item 4 from file: 94)

DIALOG(R)File 94:JICST-EPlus

(c)2006 Japan Science and Tech Corp(JST). All rts. reserv.

04070430 JICST ACCESSION NUMBER: 99A0426468 FILE SEGMENT: JICST-E

Drivetrain with ITS equipment. Toyota Motor Corp.. (Progres).

MIYAKOSHI HIRONORI (1); FURUI NOBUYUKI (1); MIYAKOSHI TSUNEO (1); NODA MASAYUKI (1); OSUGI KEIJI (2); MIYAUCHI KUNIHIRO (2)

(1) Toyota Mot. Corp.; (2) Denso

Jidosha Kogaku, 1999, VOL.48,NO.7, PAGE.154-168, FIG.19, TBL.1, REF.3

JOURNAL NUMBER: G0880AAY ISSN NO: 0388-3841

UNIVERSAL DECIMAL CLASSIFICATION: 629.33.04/.06

LANGUAGE: Japanese COUNTRY OF PUBLICATION: Japan

DOCUMENT TYPE: Journal

ARTICLE TYPE: Commentary

MEDIA TYPE: Printed Publication

11/3/10 (Item 5 from file: 94)

DIALOG(R)File 94:JICST-EPlus

(c)2006 Japan Science and Tech Corp(JST). All rts. reserv.

03048452 JICST ACCESSION NUMBER: 96A0881356 FILE SEGMENT: JICST-E

Learning from experiments. Seminar for mechanics in writing on electrical parts. Volume on machining. (6). Usage of an AT shifter.

FUJISAWA SHUJI (1)

Jidosha Kogaku, 1996, VOL.45,NO.12, PAGE.132-139, FIG.14

JOURNAL NUMBER: G0880AAY ISSN NO: 0388-3841

UNIVERSAL DECIMAL CLASSIFICATION: 629.33.05

LANGUAGE: Japanese COUNTRY OF PUBLICATION: Japan

DOCUMENT TYPE: Journal

ARTICLE TYPE: Commentary

MEDIA TYPE: Printed Publication

11/3/11 (Item 6 from file: 94)

DIALOG(R)File 94:JICST-EPlus

(c)2006 Japan Science and Tech Corp(JST). All rts. reserv.

02693430 JICST ACCESSION NUMBER: 96A0414231 FILE SEGMENT: JICST-E

Intelligent PT Management System. Development of AT Intelligent Shift Control Adapted to Driving Environment.

SHITANI YUJI (1); HARADA SHINGO (1); KYAKUNO TETSUYA (1); TAKABA TETSURO (1); INOUE AKIO (1)

(1) Mazda Mot. Corp.

Matsuda Giho(Mazda Technical Review), 1996, NO.14, PAGE.39-43, FIG.9, REF.4

JOURNAL NUMBER: Y0489AAZ ISSN NO: 0288-0601

UNIVERSAL DECIMAL CLASSIFICATION: 629.33.03

LANGUAGE: Japanese COUNTRY OF PUBLICATION: Japan

DOCUMENT TYPE: Journal

ARTICLE TYPE: Original paper

MEDIA TYPE: Printed Publication

11/3/12 (Item 7 from file: 94)

DIALOG(R)File 94:JICST-EPlus

(c)2006 Japan Science and Tech Corp(JST). All rts. reserv.

02371848 JICST ACCESSION NUMBER: 95A0349629 FILE SEGMENT: JICST-E

INVECS-II+ Sport Mode 4AT.MITSUBISHI MOTORS (FTO).

USUKI KATSUTOSHI (1)

(1) Mitsubishi Mot. Corp.

Jidosha Kogaku, 1995, VOL.44,NO.7, PAGE.256-270, FIG.26, TBL.3

JOURNAL NUMBER: G0880AAY ISSN NO: 0388-3841

UNIVERSAL DECIMAL CLASSIFICATION: 629.33.03 621.83

LANGUAGE: Japanese COUNTRY OF PUBLICATION: Japan

DOCUMENT TYPE: Journal

ARTICLE TYPE: Commentary

MEDIA TYPE: Printed Publication

11/3/13 (Item 8 from file: 94)

DIALOG(R)File 94:JICST-EPlus

(c)2006 Japan Science and Tech Corp(JST). All rts. reserv.

02368639 JICST ACCESSION NUMBER: 95A0659350 FILE SEGMENT: JICST-E

Advanced Shift Control Technology on Newly-developed Automatictransaxle.

FUJITA KENJIRO (1); ONISHI TOYOJI (1)

(1) Mitsubishi Mot. Corp.

Jidosha Gijutsukai Gakujutsu Koenkai Maezurishu, 1995, NO.951, PAGE.125-128, FIG.11

JOURNAL NUMBER: S0434AAR ISSN NO: 0919-1364

UNIVERSAL DECIMAL CLASSIFICATION: 629.33.03 621.83

LANGUAGE: Japanese COUNTRY OF PUBLICATION: Japan

DOCUMENT TYPE: Conference Proceeding

ARTICLE TYPE: Short Communication

MEDIA TYPE: Printed Publication

11/3/14 (Item 9 from file: 94)

DIALOG(R)File 94:JICST-EPlus

(c)2006 Japan Science and Tech Corp(JST). All rts. reserv.

02255694 JICST ACCESSION NUMBER: 95A0053542 FILE SEGMENT: JICST-E

Adaptive Shift Scheduling Strategy Introduced Neural Network in Automatic Transmission.

KONDO KAORU (1); GOKA HITOSHI (1); WATANABE SHINJI (2)

(1) Mitsubishi Mot. Corp.; (2) Mitsubishi Electr. Corp.

Jidosha Gijutsukai Gakujutsu Koenkai Maezurishu, 1994, NO.944, PAGE.241-244, FIG.15

JOURNAL NUMBER: S0434AAR ISSN NO: 0919-1364
UNIVERSAL DECIMAL CLASSIFICATION: 629.33.03
LANGUAGE: Japanese COUNTRY OF PUBLICATION: Japan
DOCUMENT TYPE: Conference Proceeding
ARTICLE TYPE: Short Communication
MEDIA TYPE: Printed Publication

11/3/15 (Item 10 from file: 94)

DIALOG(R)File 94:JICST-EPlus
(c)2006 Japan Science and Tech Corp(JST). All rts. reserv.

02067731 JICST ACCESSION NUMBER: 94A0597257 FILE SEGMENT: JICST-E
Development of A Quick and Accurate DC motor Shifting Device for Automatic Transmissions.

FURUKAWA TOSHIHARU (1); SHINDO YOSHIO (1); IGUCHI SHIGERU (2)
(1) Toyota Mot. Corp.; (2) Tokai Rika Co., Ltd.
Jidosha Gijutsukai Gakujutsu Koenkai Maezurishu, 1994, NO.941, PAGE.117-120
, FIG.9, REF.2

JOURNAL NUMBER: S0434AAR ISSN NO: 0919-1364
UNIVERSAL DECIMAL CLASSIFICATION: 629.33.03 621.83
LANGUAGE: Japanese COUNTRY OF PUBLICATION: Japan
DOCUMENT TYPE: Conference Proceeding
ARTICLE TYPE: Short Communication
MEDIA TYPE: Printed Publication

11/3/16 (Item 11 from file: 94)

DIALOG(R)File 94:JICST-EPlus
(c)2006 Japan Science and Tech Corp(JST). All rts. reserv.

01520399 JICST ACCESSION NUMBER: 92A0333180 FILE SEGMENT: JICST-E
Shift Scheduling Method of Automatic Transmission Vehicles Using Fuzzy Logic.

SAKAGUCHI SHIN'ICHI (1); SAKAI ICHIRO (1); NARASAKA SHIN (1)
(1) Honda Res. and Development Co., Ltd., Wako Labs.
Jidosha Gijutsu(Journal of the Society of Automotive Engineers of Japan),
1992, VOL.46,NO.4, PAGE.10-17, FIG.12, TBL.1, REF.9

JOURNAL NUMBER: F0387AAJ ISSN NO: 0385-7298
UNIVERSAL DECIMAL CLASSIFICATION: 629.33.03 621.83
LANGUAGE: Japanese COUNTRY OF PUBLICATION: Japan
DOCUMENT TYPE: Journal
ARTICLE TYPE: Commentary
MEDIA TYPE: Printed Publication

11/3/17 (Item 12 from file: 94)

DIALOG(R)File 94:JICST-EPlus
(c)2006 Japan Science and Tech Corp(JST). All rts. reserv.

01520398 JICST ACCESSION NUMBER: 92A0333179 FILE SEGMENT: JICST-E
An Intelligent Automatic Transmission Control Using a Fuzzy Processor.
IKEDA HIROSHI (1); KISU NORIYUKI (1); HIRAMOTO YUKIO (2); TAKAHASHI HIROSHI
(2); SAKAGAMI SHINSUKE (2)

(1) Nissan Motor Co., Ltd.; (2) Nissan Motor Co., Ltd.
Jidosha Gijutsu(Journal of the Society of Automotive Engineers of Japan),
1992, VOL.46,NO.4, PAGE.5-9, FIG.10, REF.6

JOURNAL NUMBER: F0387AAJ ISSN NO: 0385-7298
UNIVERSAL DECIMAL CLASSIFICATION: 629.33.03 621.83
LANGUAGE: Japanese COUNTRY OF PUBLICATION: Japan

DOCUMENT TYPE: Journal
ARTICLE TYPE: Commentary
MEDIA TYPE: Printed Publication

11/3/18 (Item 13 from file: 94)

DIALOG(R)File 94:JICST-EPlus
(c)2006 Japan Science and Tech Corp(JST). All rts. reserv.

01087332 JICST ACCESSION NUMBER: 90A0720650 FILE SEGMENT: JICST-E

The development of a 5-speed automatic transmission.

IWANAGA KAZUYOSHI (1); KATO YUJI (1); FUKUCHI RENSAKU (1); ISHIZAWA SAKAE
(1); HATTORI NOBORU (1)

(1) Nissan Motor Co., Ltd.

Nissan Giho(Nissan Technical Review), 1989, NO.26, PAGE.61-68, FIG.14,
TBL.1, REF.1

JOURNAL NUMBER: S0443AAP ISSN NO: 0385-9266

UNIVERSAL DECIMAL CLASSIFICATION: 629.33.03 621.83

LANGUAGE: Japanese COUNTRY OF PUBLICATION: Japan

DOCUMENT TYPE: Journal

ARTICLE TYPE: Commentary

MEDIA TYPE: Printed Publication

11/3/19 (Item 14 from file: 94)

DIALOG(R)File 94:JICST-EPlus
(c)2006 Japan Science and Tech Corp(JST). All rts. reserv.

00906932 JICST ACCESSION NUMBER: 89A0318683 FILE SEGMENT: JICST-E

The development of new electronically controlled automatic transaxle.

HAYASAKI KOICHI (1); SHIBAYAMA TAKASHI (1); SUZUKI YUTAKA (1); TAKEUCHI JUN
(1); KOBAYASHI YASUHIKO (1); NAKAZAWA SHINSUKE (1)

(1) Nissan Motor Co., Ltd.

Nissan Giho(Nissan Technical Review), 1988, NO.24, PAGE.70-76, FIG.17

JOURNAL NUMBER: S0443AAP ISSN NO: 0385-9266

UNIVERSAL DECIMAL CLASSIFICATION: 629.33.03 621.83

LANGUAGE: Japanese COUNTRY OF PUBLICATION: Japan

DOCUMENT TYPE: Journal

ARTICLE TYPE: Commentary

MEDIA TYPE: Printed Publication

T S12/3,KWIC/1

12/3,KWIC/1 (Item 1 from file: 94)

DIALOG(R)File 94:JICST-EPlus

(c)2006 Japan Science and Tech Corp(JST). All rts. reserv.

04070430 JICST ACCESSION NUMBER: 99A0426468 FILE SEGMENT: JICST-E

Drivetrain with ITS equipment. Toyota Motor Corp.. (Progres).

MIYAKOSHI HIRONORI (1); FURUI NOBUYUKI (1); MIYAKOSHI TSUNEO (1); NODA

MASAYUKI (1); OSUGI KEIJI (2); MIYAUCHI KUNIHIRO (2)

(1) Toyota Mot. Corp.; (2) Denso

Jidosha Kogaku, 1999, VOL.48,NO.7, PAGE.154-168, FIG.19, TBL.1, REF.3

JOURNAL NUMBER: G0880AAY ISSN NO: 0388-3841

UNIVERSAL DECIMAL CLASSIFICATION: 629.33.04/.06

LANGUAGE: Japanese COUNTRY OF PUBLICATION: Japan

DOCUMENT TYPE: Journal

ARTICLE TYPE: Commentary

MEDIA TYPE: Printed Publication

ABSTRACT: The following control functions applied to Toyota Progres are presented: Transmission shifting function controlled by Intelligent Transport Systems (ITS)-based navigation, and radar cruise control function. The former automatically controls gear shifting in automatic transmission in combination with braking control by driver in investigating forward road conditions based on road information and car position information from Global Positioning Systems (GPS). The latter accurately maintains proper distances between cars by radar function added on conventional cruise control function. Effectiveness of the functions is exemplified by practical car tests.

...DESCRIPTORS: automatic transmission ...

... control system

?